

FIG.1

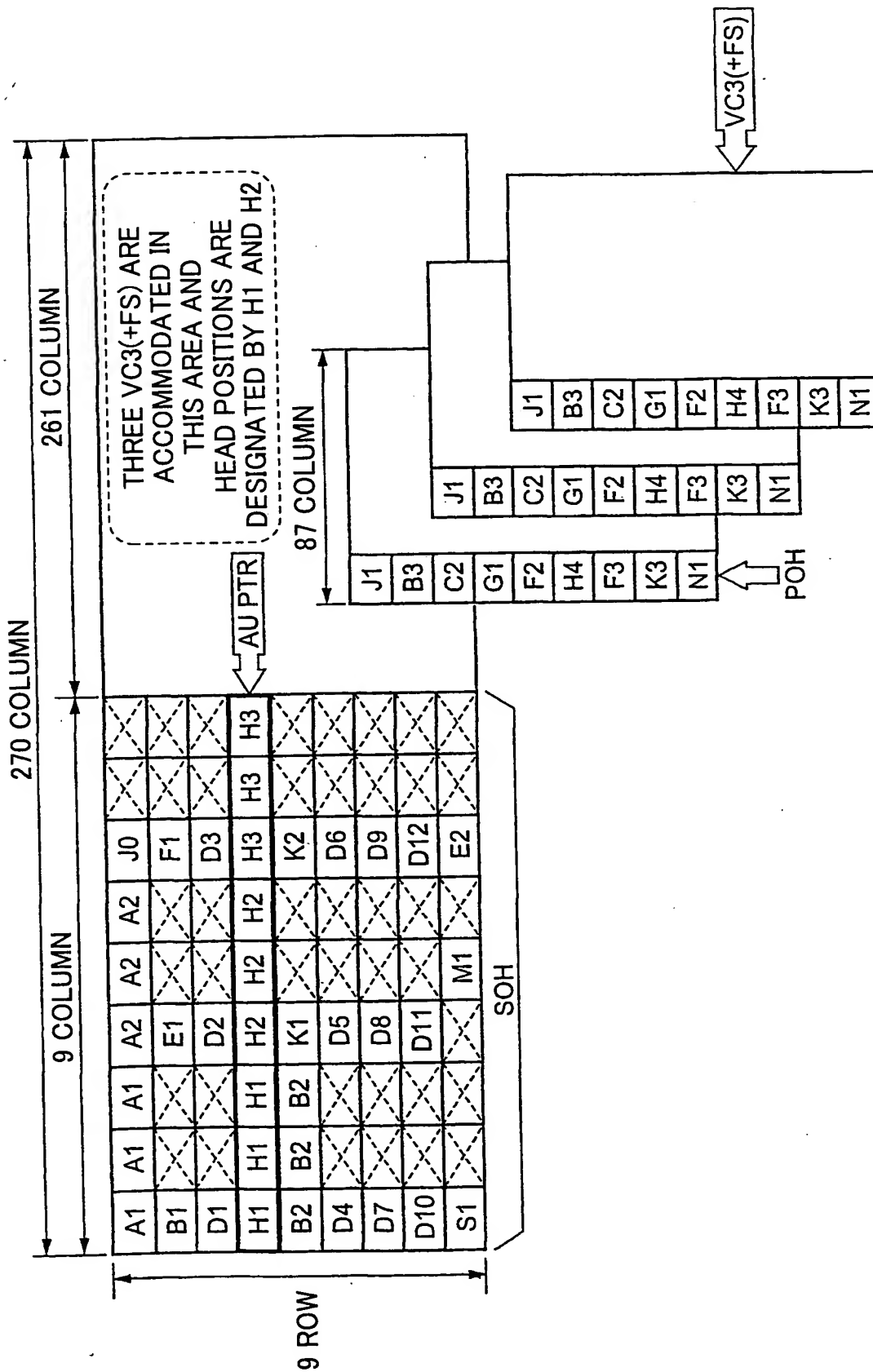


FIG.2

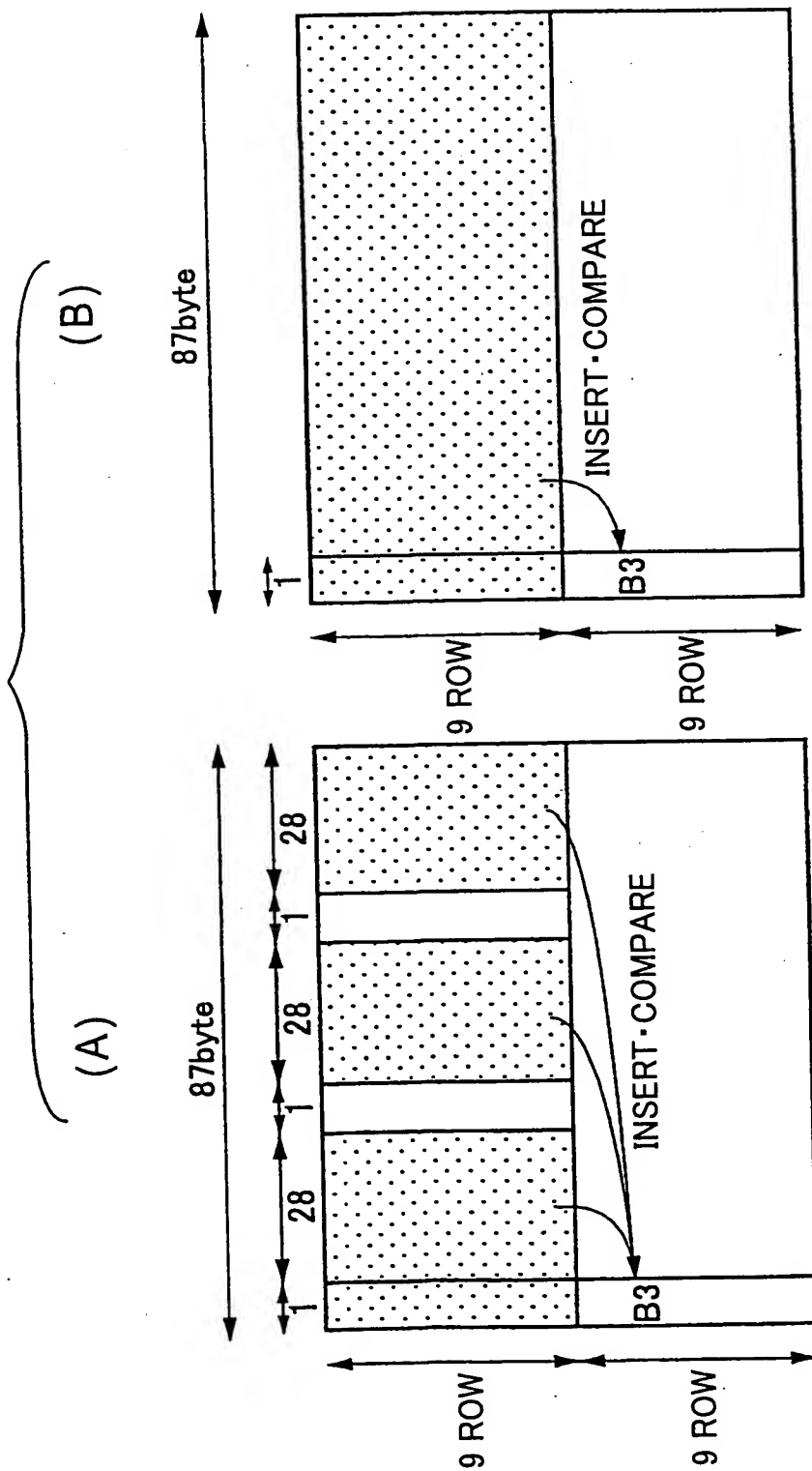


FIG.3

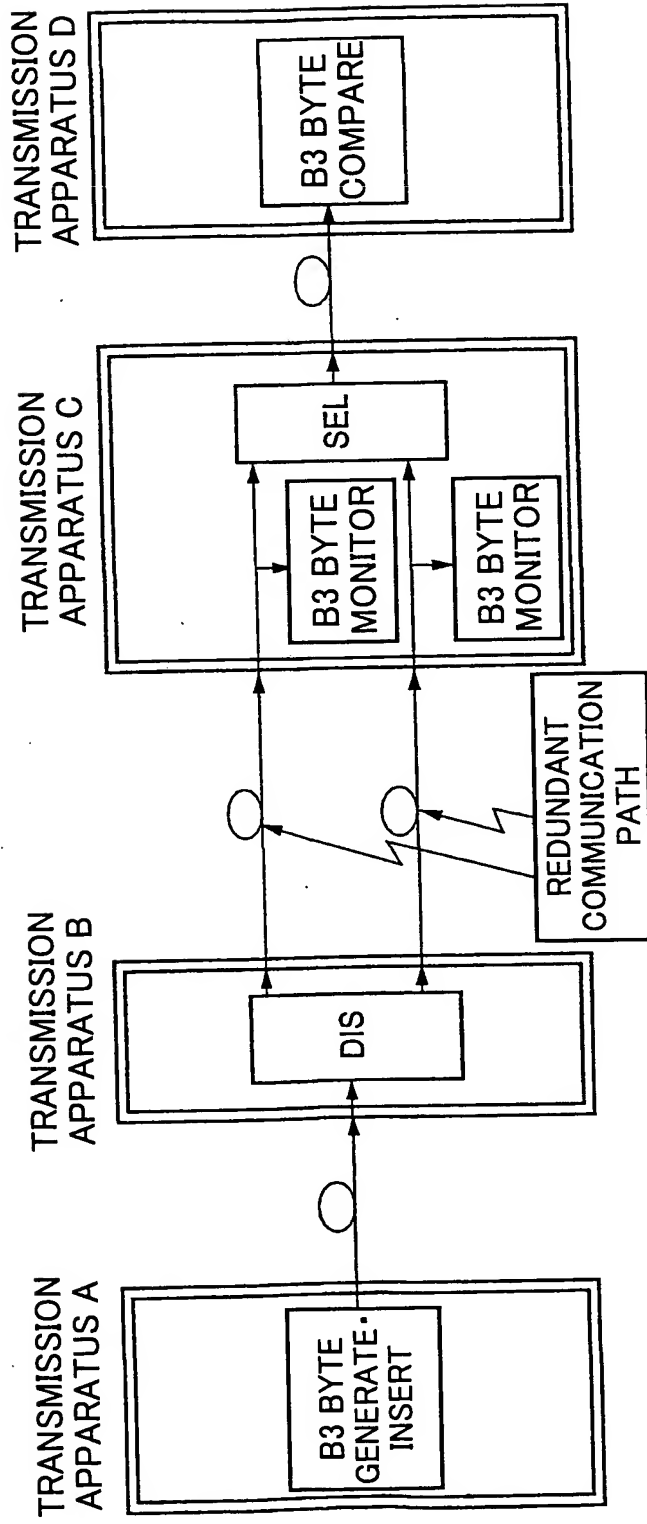
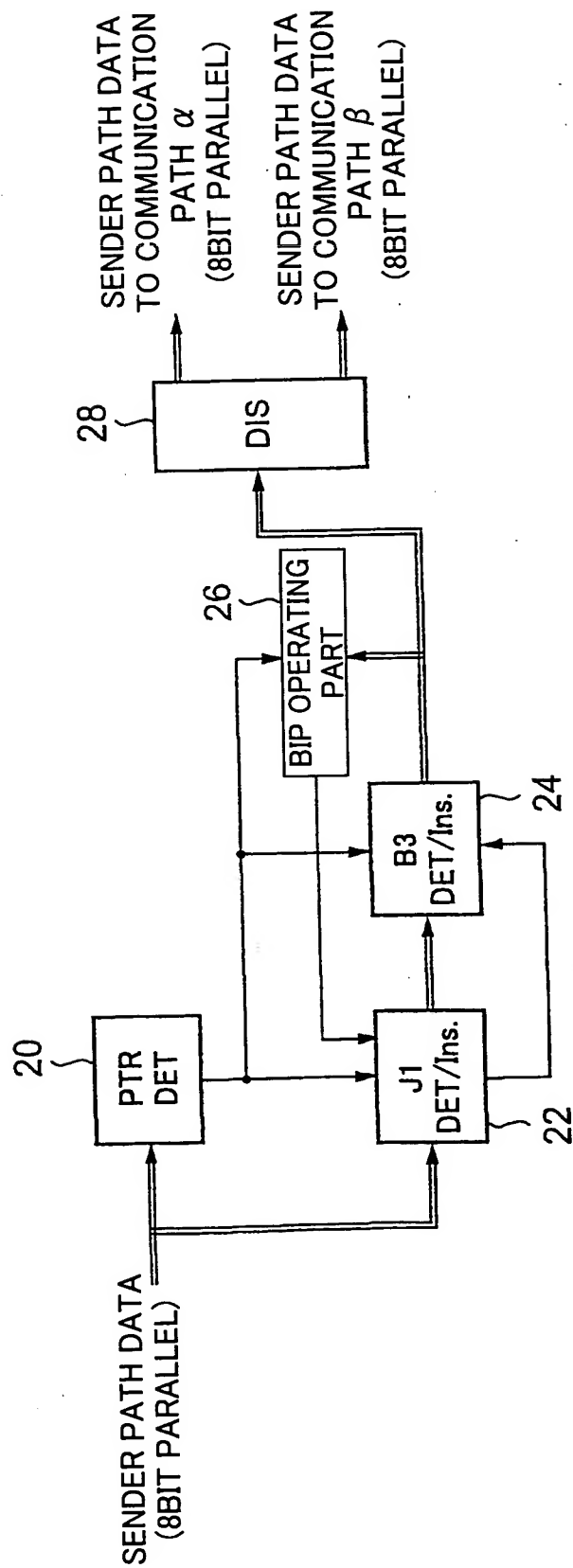
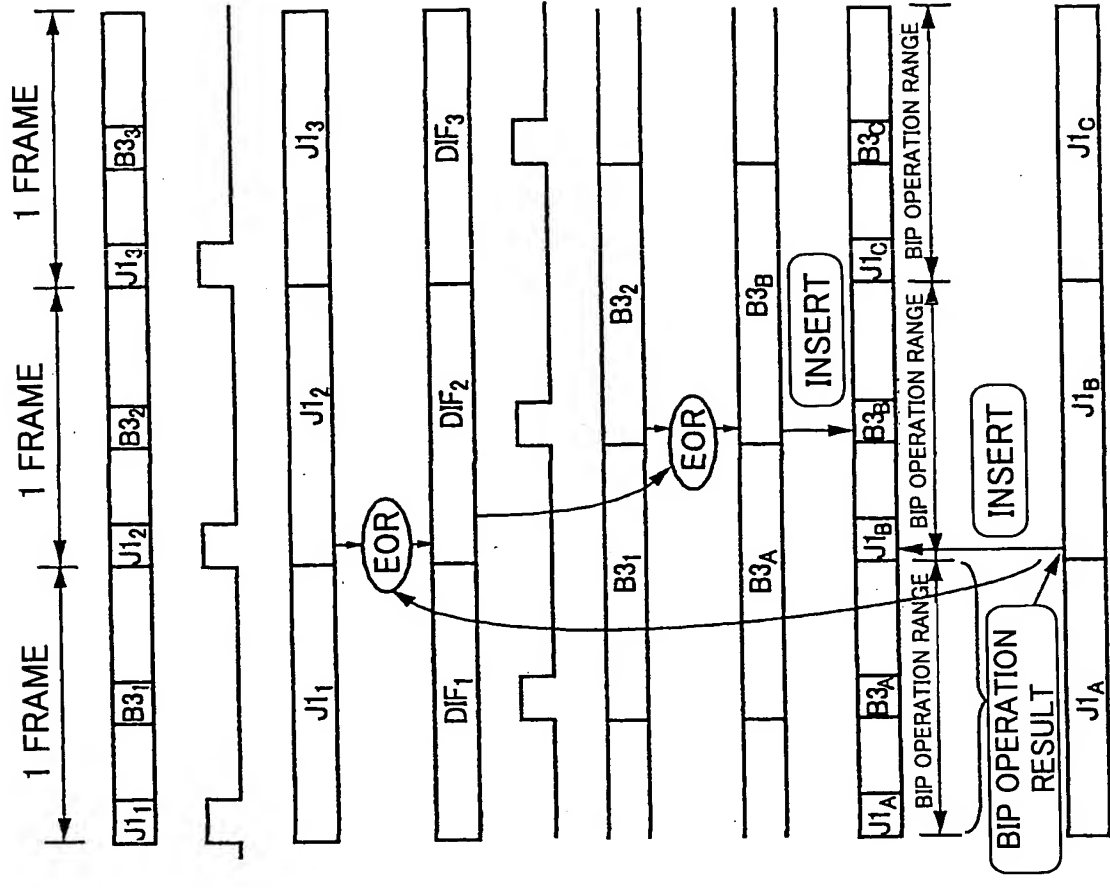


FIG.4



- (A) SENDER PATH DATA
(J1DET/Ins. INPUT)
- (B) J1 BYTE PHASE INFORMATION
(FROM PTR DET)
- (C) RETAINED J1 BYTE DATA
- (D) DIFFERENCE BETWEEN RETAINED
J1 BYTE DATA AND INSERTED
OPERATION RESULT
- (E) B3 BYTE PHASE INFORMATION
- (F) RETAINED B3 BYTE DATA
- (G) INSERTED B3 BYTE DATA
- (H) SENDER PATH DATA TO
COMMUNICATION PATH
- (I) BIP OPERATION RESULT
(BIP OPERATING PART OUTPUT)

FIG.5



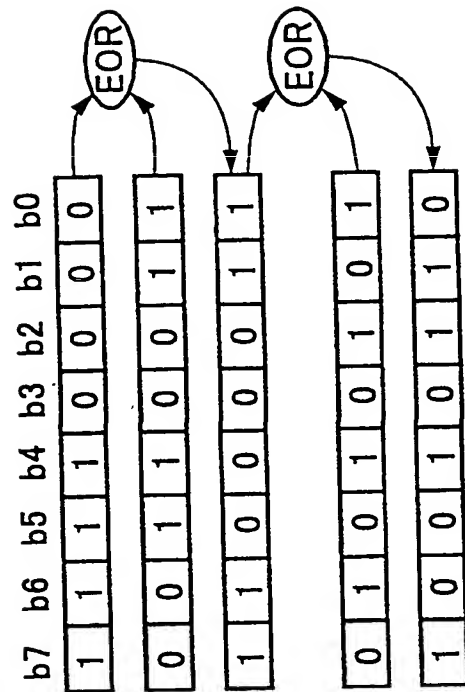
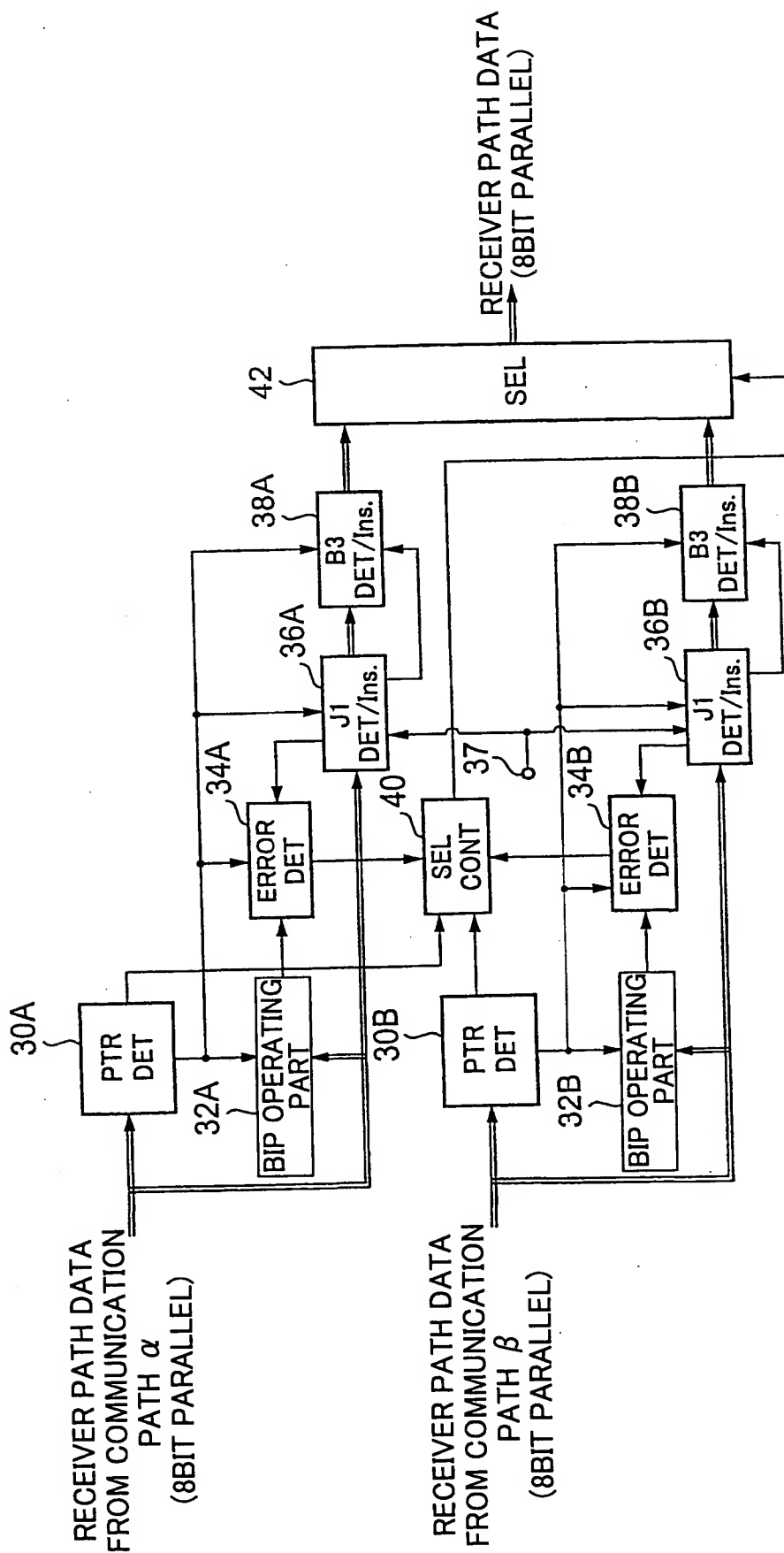


FIG.6

FIG. 7



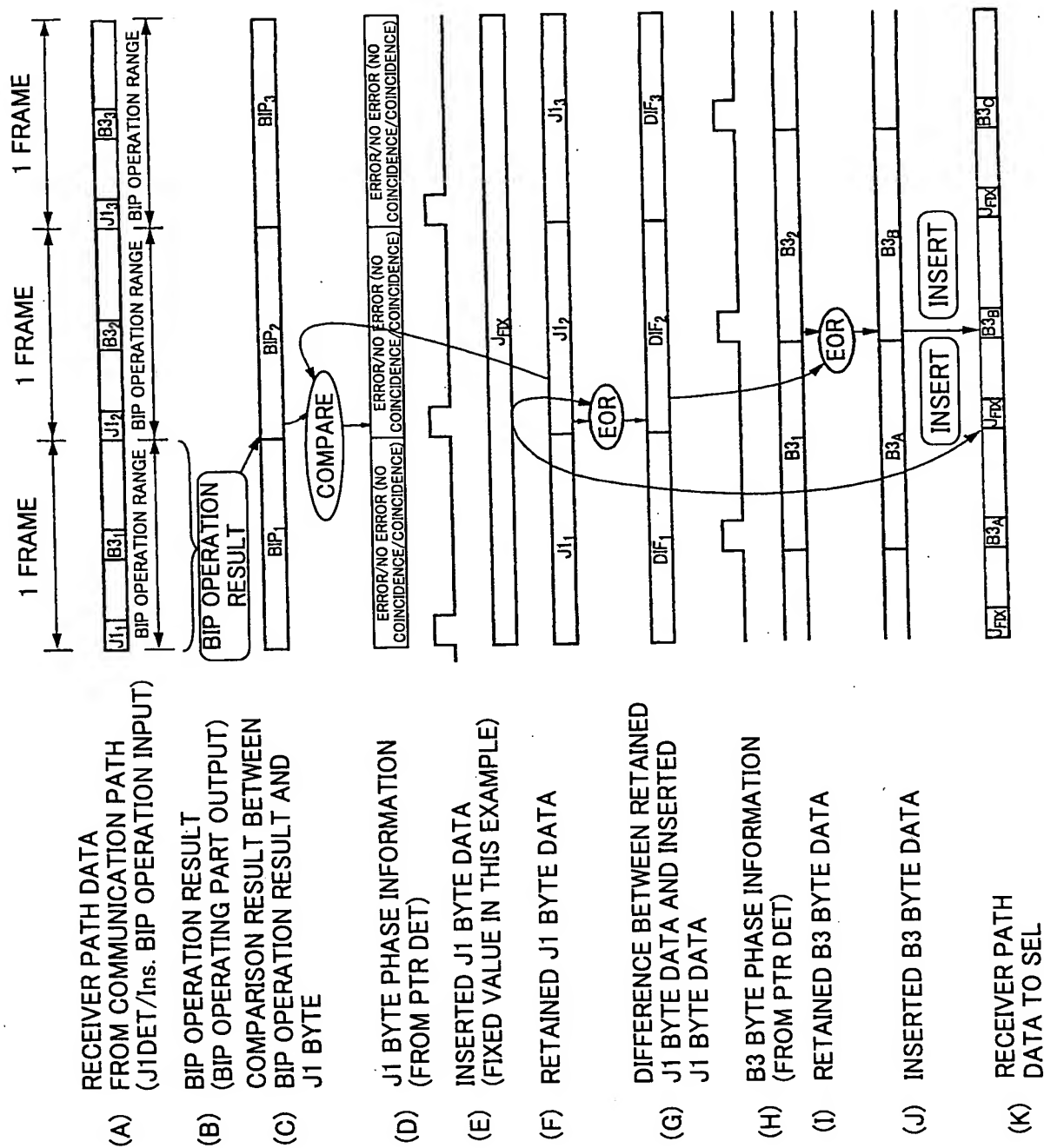


FIG.9

			CONDITION OF COMMUNICATION PATH α		
			PATH ALARM	NO PATH ALARM	
				ERROR	NO ERROR
CONDITION OF COMMUNICATION PATH β	PATH ALARM		H	α	α
	NO PATH ALARM	ERROR	β	H	α
		NO ERROR	β	β	H

FIG.10

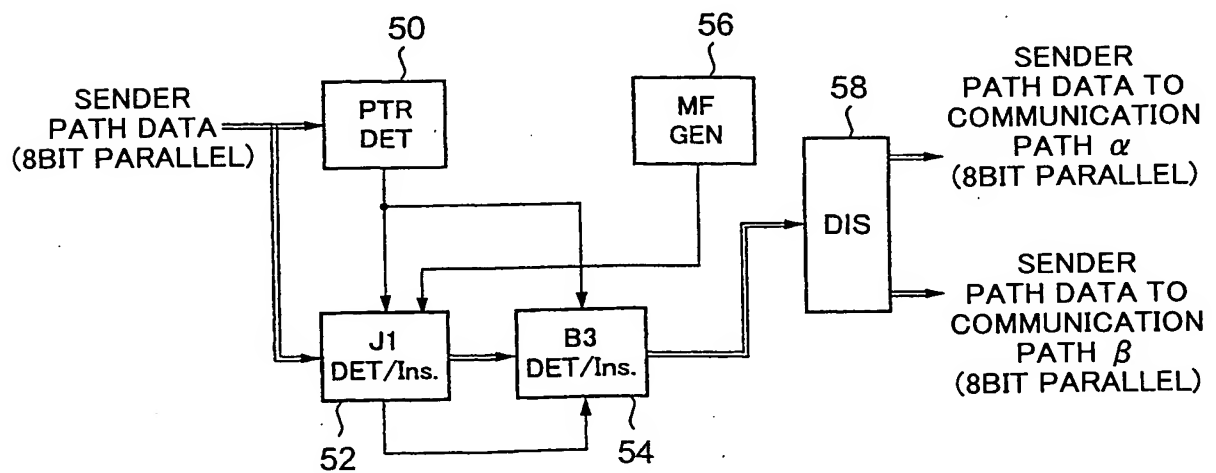


FIG.11

64 MULTI-FRAME

	b7	b6	b5	b4	b3	b2	b1	b0
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
⋮								
61	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0
63	0	1	0	1	0	1	0	1
64	1	0	1	0	1	0	1	0

FIG. 12

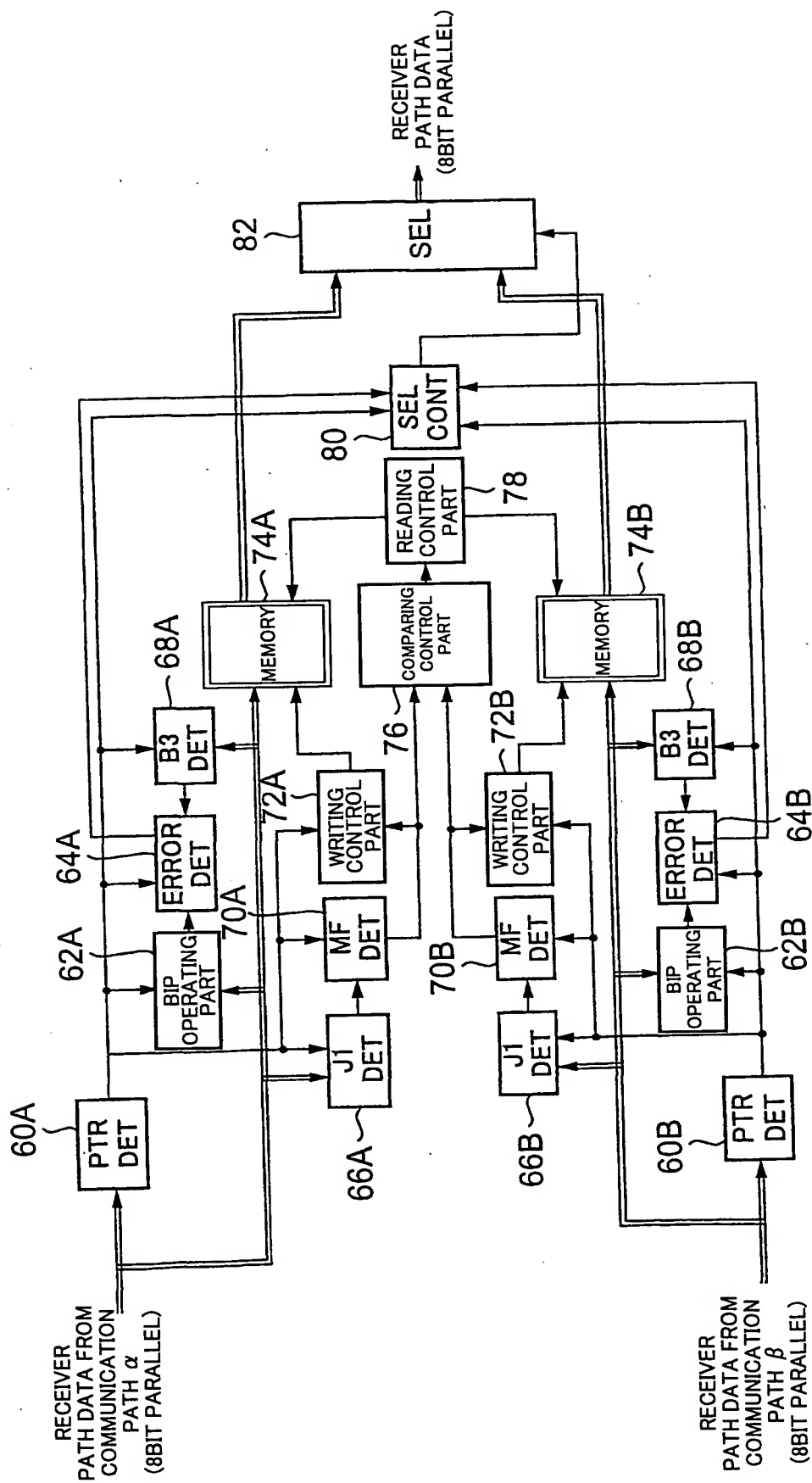


FIG.13

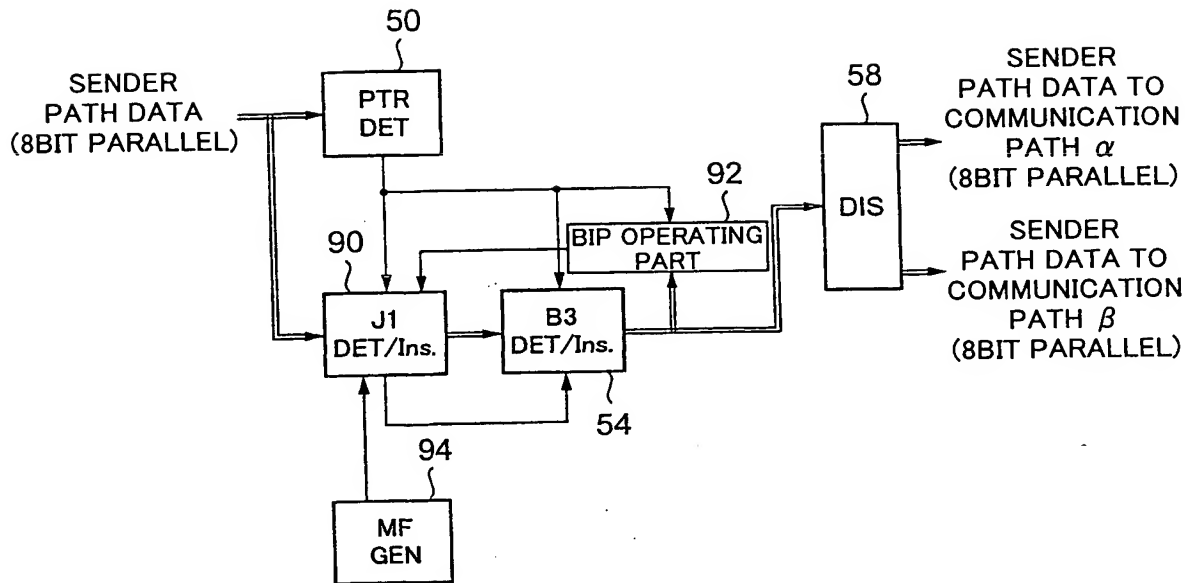


FIG.14

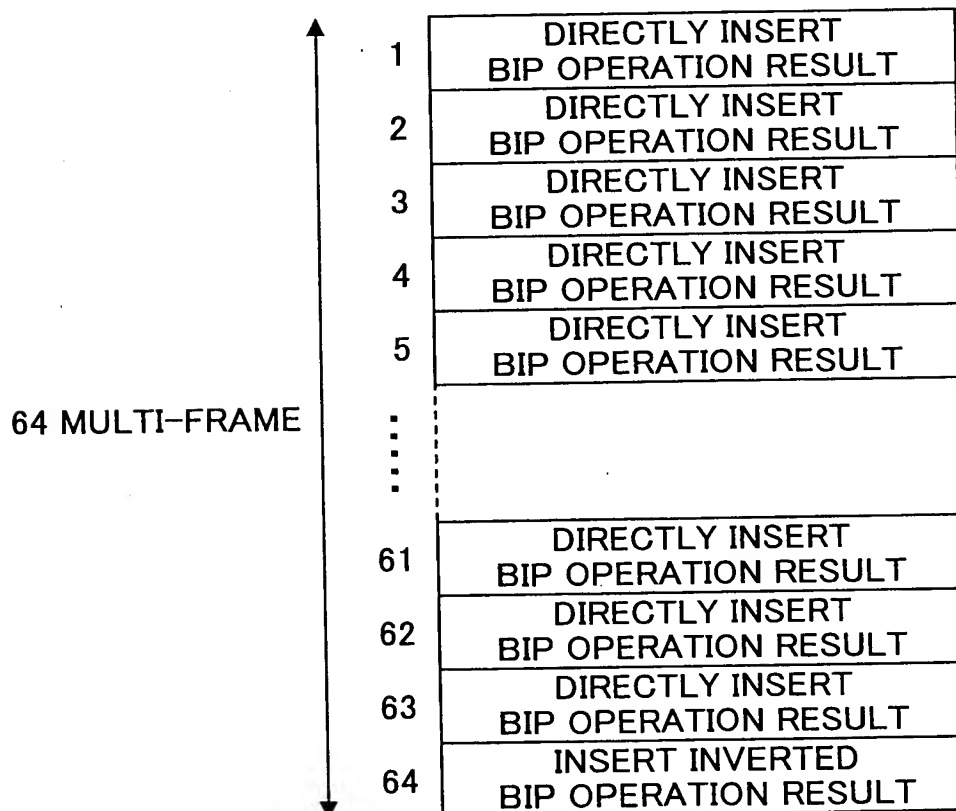


FIG.15

